

ABSTRACT OF THE DISCLOSURE

A hydraulic system for controlling the engagement and disengagement of a friction element includes a source of line pressure, a source of exhaust pressure, a manual valve having a forward state and a reverse state, connected to the exhaust pressure source and line pressure source and including a first outlet and a second outlet, for opening and closing communication between said outlets and said pressure sources in response to changes in the states, a friction element communicating with the line pressure source through the manual valve in the reverse state, and a control valve including a port communicating with the friction element, the control valve producing control pressure at the port when the manual valve is in the forward state.